

IRRIGATION CONTROL TECHNICIAN

DISTINGUISHING FEATURES

The fundamental reason the Irrigation Control Technician exists is to monitor the city wide Motorola Centralized Irrigation System and coordinate all radio and electronic work in the installation, maintenance and repairs of the city's computerized irrigation system in the Parks, Recreation and Facilities division of the Community Services Department. This classification is not supervisory. Work is performed under general supervision by a Service Area Manager.

ESSENTIAL FUNCTIONS

Monitors the computer system for malfunctioning equipment at all park sites, medians, and city owned buildings.

Shares information with appropriate personnel for repair, and participates in troubleshooting and maintenance of hardware for the computerized irrigation system.

Operates the radio network interconnecting irrigation controllers throughout the City while monitoring adjusting and repairing peripheral equipment as necessary to maintain compliance with FCC regulations. Maintains an optimum level of operation.

Plans, develops and implements irrigation programs to control all irrigation sites

Coordinates the repair, routine maintenance, preventative maintenance related to the city wide Motorola computerized irrigation system and components.

Communicates orally, and in writing with contractors, employees and represents the Department/Division on various projects related to this system. Makes recommendations to parks maintenance staff related to proper water management practices.

Assists in establishing and conducting in-house training programs for park personnel related to the Motorola Central Computerized Irrigation System

Completes and submits the Divisions annual water usage report, and assists with regular water audits through out the city's medians and parks, to insure compliance with Arizona Department of Water Resources.

Develops and maintains the Motorola Irrigation System procedures.

MINIMUM QUALIFICATIONS

Knowledge, Skills, and Abilities

Knowledge of:

Microsoft Office and other job related computer software.

The Motorola Centralized Irrigation System and all of its components.

Ability to:

Perform irrigation and maintenance functions requiring visual and manual dexterity.

Climb up and down ladders and over rough terrain;

Lift up to 50 pounds

Train, observe, review and check the work of staff members to ensure conformance to standards.

Plan, organize, and review the work of park maintenance programs and employees related to irrigation.

Use telephone and radio communications equipment.

Prepare and present oral and detailed written reports.
Communicate effectively (orally and in writing) with clearly organized thoughts using proper sentence construction, grammar and punctuation.
Comprehend and make inferences from written material, verbal and written instructions;
Establish and maintain effective working relationships with co-workers, field personnel, supervisors, contractors and the general public.
Maintain regular consistent attendance and punctuality.
Develop and maintain procedures.
Make mathematical calculations.
Operate, manage & maintain PC computers.

Education & Experience

High school diploma or GED.

One to three years work experience with a computerized irrigation system, preferably the Motorola Centralized Irrigation System and all of its components.

A+ certification completion of coursework in Managing and Maintaining Personal Computers.

Must be a Certified Landscape Professional and Certified Water Auditor.

Valid Arizona Driver's License and no major driving citations in the last 39 months.

FLSA Status: Non-exempt

HR Ordinance Status: Classified